



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1577

SERIAL NUMBER 10/647,054	FILING DATE 08/21/2003  RULE	CLASS 369	GROUP ART UNIT 2627	ATTORNEY DOCKET NO. 59751 (70868)
-----------------------------	---------------------------------------	--------------	------------------------	---

APPLICANTS

Makoto Horiyama, Nara-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN P2002-244083 08/23/2002

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 01/02/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____	STATE OR COUNTRY JAPAN	SHEETS DRAWING 27	TOTAL CLAIMS 11	INDEPENDENT CLAIMS 1
--	--	------------------------------	-------------------------	-----------------------	----------------------------

• ADDRESS

21874  
 EDWARDS & ANGELL, LLP  
 P.O. BOX 55874  
 BOSTON, MA  
 02205

TITLE

Optical pick-up apparatus

FILING FEE  RECEIVED 880	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____
-----------------------------------	---	--